



IFW

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of

MIYACHI ET AL.

Atty. Ref.: 1035-643

Serial No. 10/582,998

Group: 2811

Filed: June 14, 2006

Examiner: Unknown

For: DISPLAY DEVICE

\* \* \* \* \*

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

## **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Further to applicants' Information Disclosure Statement of January 10, 2007, applicants herewith submit a corrected Form PTO-1449 (i.e., the author of the first article and the title of the fourth article has been corrected in the "Other Documents" section).

Respectfully submitted,  
NIXON & VANDERHYE P.C.

May 1, 2007

By: H. Warren Burnam, Jr.  
H. Warren Burnam, Jr.  
Reg. No. 29,366

HWB:lsh  
901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

INFORMATION DISCLOSURE CITATION OFFICE		ATTY. DOCKET NO.	SERIAL NO.			
		1035-643 APPLICANT	10/582,998			
(Use several sheets if necessary) 		MIYACHI ET AL. FILING DATE	GROUP			
		June 14, 2006	2811			
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,266,109	7-2001	Yamaguchi et al.			
FOREIGN PATENT DOCUMENTS				TRANSLATION		
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
2001-249363 A	9-2001	JP			Partial	
11-183937 A	7-1999	JP			Partial	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)						
	Saito et al, "Thermodynamics of a Unique Thermo-Tropic Liquid Crystal Having Optical Isotropy", EKISHO, 2001, Vol. 5, No. 1, pp. 20-27					
	Yamamoto, "Liquid Crystal Micro Emulsion", EKISHO, 2000, Vol. 4, No. 3, pp. 248-254					
	Kobunshi Ronbunshu, December 2002, Vol. 59, No. 12, pp. 753-759					
	Yoneya, "Examining Nano-Structured Liquid Crystal Phase by Molecule Simulator", EKISHO, 2003, Vol. 7, No. 3, pp. 238-245					
	Handbook of Liquid Crystals, Wiley-VCH, 1998, Vol. 1, pp. 484-485 and p. 530					
	Demus et al, "Chapter XIII Thermotropic Cubic Phases", Handbook of Liquid Crystals Low Molecular Weight Liquid Crystal, Wiley-VCH, 1998, Vol. 1.2B, pp. 887-900					
	Yamamoto, "First Lecture of Liquid Crystal Science Experiment: Identification of Liquid Crystal Phase" Lyotropic Liquid Crystal, EKISHO, 2002, Vol. 6, No. 1, pp. 72-82					
	Grelet et al, "Structural Investigations on Smectic Blue Phases", Physical Review Letters, 23 April 2001, Vol. 86, No. 17, pp. 3791-3794					
	Matsumoto et al, "Fine Droplets of Liquid Crystals in a Transparent Polymer and Their Response to an Electric Field", Appl. Phys. Lett., 1996, Vol. 69, pp. 1044					
	Mizoshita et al, "Fast and High-Contrast Electro-Optical Switching of Liquid-Crystalline Physical Gels: Formation of Oriented Microphase-Separated Structures", Adv. Funct. Mater., 2003, Vol. 13, No. 4, pp. 313-317					

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

---

Form PTO-FB-A820 (Also PTO-1449)